

# Challenging DOM - Automation Test Plan

## Document Control

Version	Date	Author	Change(s)
0.1 Draft		Aarti Joshi	
0.2			

## Sign off

Name	Title	Role	Status
	Test Manager	Owner	
	Project Manager	Sign off Required	
	Business Stakeholder	Reviewer Only	

## 1. Objective

The objective of the test is to verify that the functionality of Challenging DOM VERSION 1.0 works according to the specifications.

## 2. Project overview

On Challenging DOM, the hardest part in automated web testing is finding the best locators (e.g., ones that are well named, unique, and unlikely to change). It's more often than not that the application you're testing was not built with this concept in mind. This example demonstrates that with unique IDs, a table with no helpful locators, and a canvas element.

## 3. Assumptions

- Stability of the testing environment
- Completion of manual testing through all applicable paths to ensure that reusable automated scripts are valid

## 4. Scope

Functional tests on web page located here:

[http://the-internet.herokuapp.com/challenging\\_dom](http://the-internet.herokuapp.com/challenging_dom)

The browser to be used is the latest version of Chrome and Firefox, other browsers out of scope. Simple functional tests only – excludes scalability, resilience tests and nonfunctional testing such as **stress**, **performance** or **logical database** currently will not be tested. (**out of scope**)

## 5. Test Strategy

The test strategy here is to do spot checks on various parts of the web page, including elements such as buttons, table elements and links

## 6. Environment Requirements

A computer running Selenium and the latest version of Chrome browser with the corresponding chromedriver application. Java is required for Selenium to run. Good internet connection at the computer running the tests.

## 7. Selected Tools:

Selenium Webdriver, TestNg Eclipse IDE, Maven, GIT

## 8: Test Schedule

Tests to be performed during the interview on Wednesday 3rd Feb 2022

## 9. Functions To Be Tested

- Page title
- Buttons
- Table element edit/delete

## 10. Resources and Responsibilities

Aarti Joshi will be the creator of documentation and tests

## **11. Deliverables**

- This Test Plan
- Test code

## **12. Suspension / Exit Criteria**

## **13. Resumption Criteria**

## **14. Dependencies**

Web page under test being available and working properly Good connection from the host computer to the website

## **15. Risks**

Web page under test is modified during tests, rendering results invalid.

## **16. Documentation**

All documentation is provided in-line with the test code

## **17. Approvals**

Tests and documentation will be reviewed during the interview on 3rd Feb2022.